

1. (Amended) A soluble fusion protein comprising a bacteriophage coat protein covalently linked to a single-chain T cell receptor comprising an antigen binding pocket, wherein the single-chain T cell receptor comprises a V- α [chain] region covalently linked to a V- β [chain] region by a peptide linker sequence that effectively positions the V- α region and the V- β region to form the antigen binding pocket, the soluble fusion protein further comprising a C- β region fragment.

2. (Amended) The soluble fusion protein of claim 1, wherein the C-terminus of the V- α [chain] region is covalently linked by the peptide linker sequence to the N-terminus of V- β [chain] region.

4. (Amended) The soluble fusion protein of claim 2 [further comprising a] wherein the C- β [chain] region fragment is covalently linked between the C-terminus of the V- β [chain]region and the N-terminus of the bacteriophage coat protein.

14. (Amended) A soluble fusion protein comprising covalently linked in sequence: 1) a V- α [chain] region, 2) a peptide linker sequence, 3) a V- β [chain]region covalently linked to a C- β [chain] region fragment, and 4) a bacteriophage gene VIII protein, wherein the peptide linker sequence effectively positions the V- α region and the V- β region to form an antigen binding pocket.

18. (Amended) The soluble fusion protein of claim 2, wherein the V- α and V- β [chains] regions are isolated from cytotoxic T cells.

61. (Amended) A soluble fusion protein comprising covalently linked in sequence: [1) a V- α chain, 2) a peptide linker sequence, 3) a V- β chain and 4) a bacteriophage gene III protein, wherein the C-terminus of the V- β chain is covalently linked to a C- β chain fragment which is covalently linked to the N-terminus of the bacteriophage gene III protein.] V- α region-peptide linker sequence-V- β region-C- β region fragment-bacteriophage gene III protein.

C 7
65. (Amended) A soluble fusion protein comprising covalently linked in sequence: [1] a V- α chain, 2) a peptide linker sequence, 3) a V- β chain covalently linked to a C- β chain fragment, and 4) a bacteriophage gene VIII protein, the C-terminus of the C- β chain fragment being covalently linked to a protein tag which is covalently linked to the N-terminus of the bacteriophage gene VIII protein.] V- α region-peptide linker sequence-V- β region- C- β region fragment- protein tag- bacteriophage gene VIII protein, wherein the peptide linker sequence effectively positions the V- α region and the V- β region to form an antigen binding pocket.

C 8
67. (Amended) The soluble fusion protein of claim 1, wherein the C-terminus of the V- β [chain] region is covalently linked to the N-terminus of a C- β [chain] region fragment.

Kindly add the following new claims 68-73.

C 9
Sub 1
68. (New) The soluble fusion protein of claim 1, wherein the V- α region and the V- β region are each individually about 200 to 400 amino acids in length.

C 9
70
69. (New) The soluble fusion protein of claim 1, wherein the V- α region comprises a C- α chain of about 1 to 21 amino acids in length.

Cell 1.26
MC 3-2-2
71
70. (New) The soluble fusion protein of claim 1, wherein the C- β region fragment is about 50 to 126 amino acids in length.

72
71. (New) The soluble fusion protein of claim 70, wherein the C- β region fragment does not include a cysteine residue corresponding to position 127 of a full-length C- β region.

73
72. (New) The soluble fusion protein of claim 8, wherein the gene III bacteriophage coat protein is about 200 to 400 amino acids in length.